

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2005/000426

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: C22B 3/00, 3/06, 3/08, 3/10, 7/02, 23/00, 11/00, 15/00, 26/22, 30/04, 19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

REFER ELECTRONIC DATA BASE CONSULTED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI-IPC: C22B 3/00, 3/06, 3/08, 3/10, 7/02, 23/00, 23/04, 11/00, 11/04, 15/00, 15/08, 26/22, 30/04, 19/00 and HALIDE, CHLORIDE, BROMIDE, IODIDE, HYDRO HALOUS, HYDROHALIC, SULPHURIC, SULFURIC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5232490 A (BENDER et al.) 3 August 1993 Col. 4, line 57 to col. 6, line 66, col. 9, lines 12 to 32 and claims	1-5, 12-15, 17-25, 32
X	WO 2001/012865 A (OUTOKUMPU OYJ) 22 February 2001 Whole document	1-5, 12-14, 32
A	AU 47190/00 A (JAMES HAMILTON KYLE) 18 January 2001 Whole document	
A	Derwent Abstract accession No. 94-032801/04, Class J01 M25, SU 1785536 A (GUROV V. A.) 30 December 1992 Whole document	
A	Derwent Abstract Accession No. 28544D/16, Class M25, SU 753922 A (AS KAZA METAL ENRIC) 7 August 1980 Whole document	

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search 29 April 2005	Date of mailing of the international search report 12 MAY 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer B. PREMARATNE Telephone No : (02) 6283 2407

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/000426

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	5232490	AU	65696/86				
WO	0112865	AU	64466/00	BR	0013213	CA	2381679
		CN	1369019	EP	1228258	FI	991718
		US	6861037	ZA	200200820		
AU	47190/00	NONE					
SU	753922	NONE					
SU	1785536	NONE					

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

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